## **REMARKS/ARGUMENTS**

This is a continuation application of the U.S. Application Serial No. 09/292,393 filed on April 15, 1999.

No new matter has been added to the specification. Claims 1-91 have been cancelled. Claims 92-108 have been added. Claims 92-108 are pending in this application.

The subject matter of claims 92-108 is not anticipated under the Yang et al. (U.S. Patent No. 6,159,794) ("Yang") reference cited during the prosecution of the U.S. Application Serial No. 09/292,393. Yang does not disclose or suggest the limitations of claim 92-108. Yang does not disclose a method for etching an oxide layer of a substrate comprising the step of "generating a plasma of said etching gas at a first power level and contacting said oxide layer of said substrate with said first power level plasma for a first predetermined time" and "generating a plasma of said etching gas at a second power level and contacting said oxide layer of said substrate with said second power level plasma for a second predetermined time," as independent claim 92 recites. Yang depicts a tunnel oxide 15 (col. 4, line 66; Figures 2-4) over substrate 12, but that oxide is not etched. In Yang, it is tungsten silicide layer 28 with its residue 64 that is subjected to the two plasmas 55 and 66, respectively, and not an oxide layer, as in the present invention. (Col. 7, lines 24-52, Figures 4a-4b). Accordingly, the subject matter of claims 92-108 is not anticipated by Yang.

In addition, the subject matter of claims 92-108 would not have been obvious over Yang. First, Yang does not teach or suggests all claim limitations. Yang teaches a "controlled multistage etching process for controlled removal of a tungsten silicide layer within the layer stack" (abstract), and not a method for "etching an oxide layer of a

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substrate," as independent claim 92 recites. Second, a person skilled in the art would not have been motivated to employ the plasma chemistries taught by Yang to etch an oxide layer of a substrate. Yang teaches plasmas having etching selectivities tailored only to the etching of a tungsten silicide layer relative to polysilicon, and not for the etching of an oxide layer. For example, Yang teaches a first etching process during which "part of the tungsten silicide layer is selectively etched away using a plasma that exhibits an etching selectivity (ratio of tungsten silicide etch rate to polysilicon etch rate) less than about 1.2." (Abstract). Yang further teaches a second etching process during which "the remaining amount . . . of the tungsten silicide layer is selectively etched away using a plasma that exhibits an etching selectivity (ratio of tungsten silicide etch rate to polysilicon etch rate) greater than about 1.2." (Abtsract). Accordingly, a person skilled in the art would not have been motivated to employ the plasmas with different etching seelctivities of Yang to etch the oxide layer of the claimed invention.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted

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